

FIG. 1A

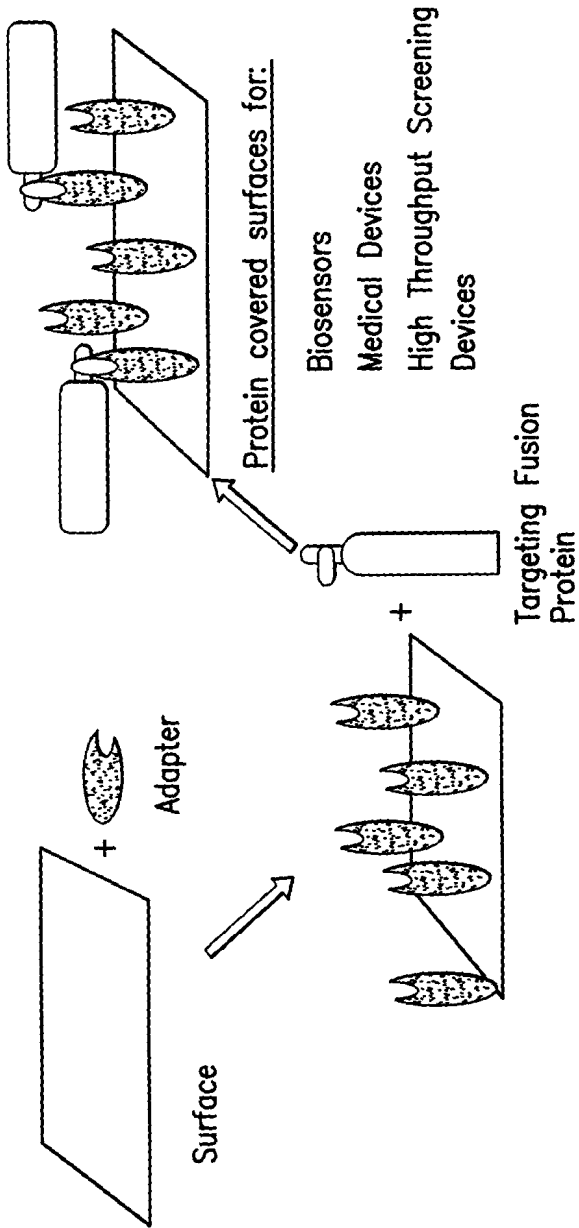
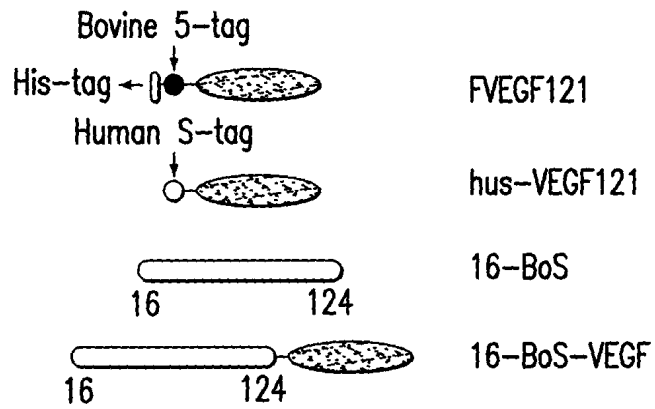


FIG. 1B



## Bovine and Human Mutant S-proteins

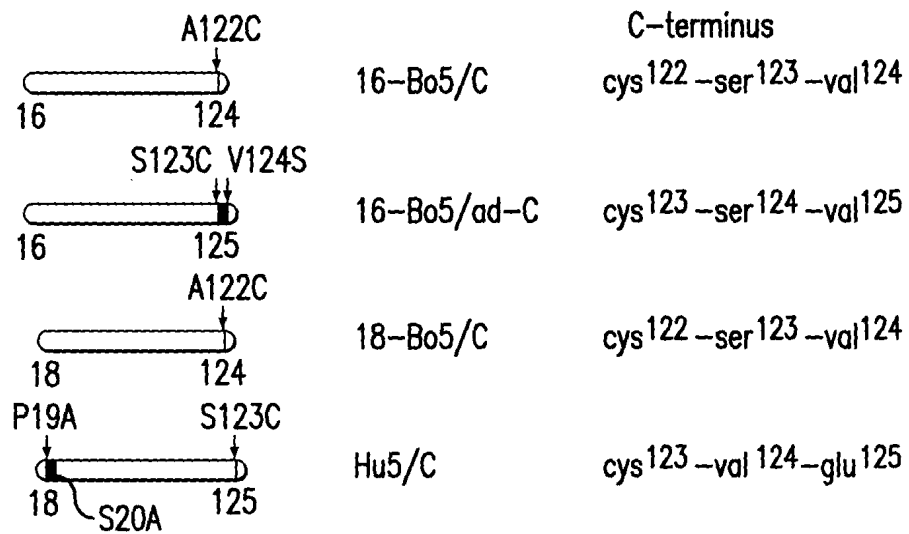


FIG.2

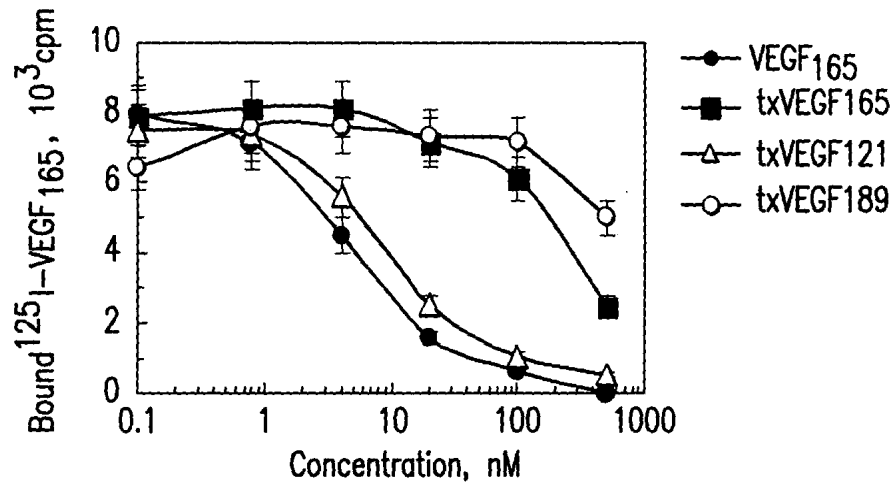


FIG. 3A

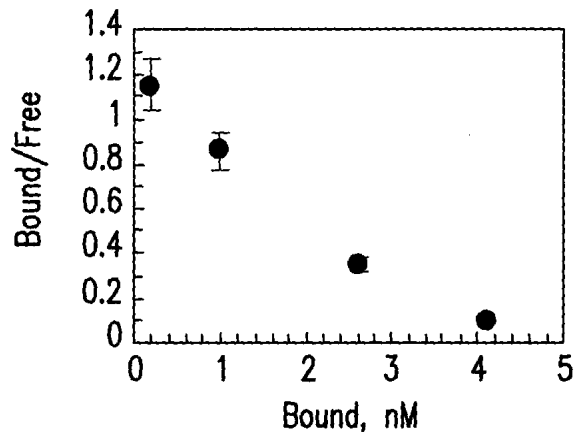


FIG. 3B

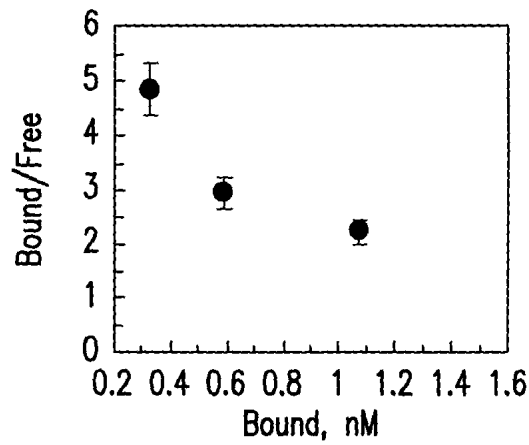


FIG. 3C

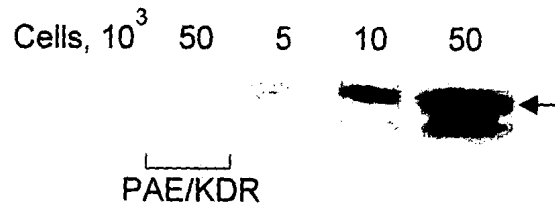


FIG.4A

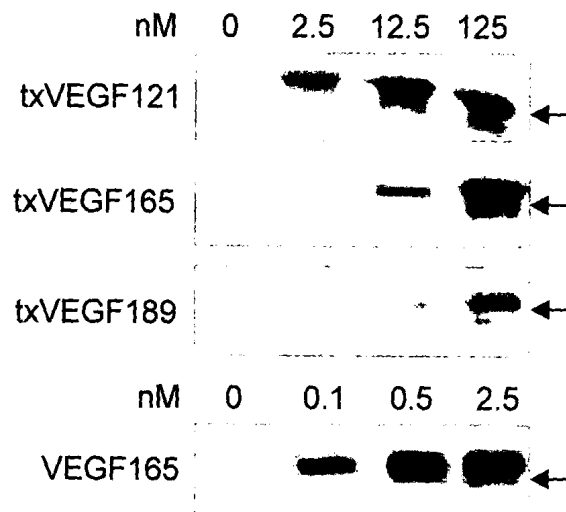


FIG.4B

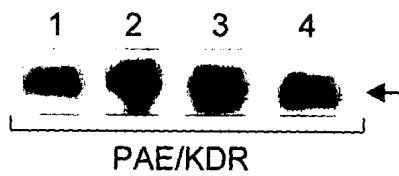


FIG.4C

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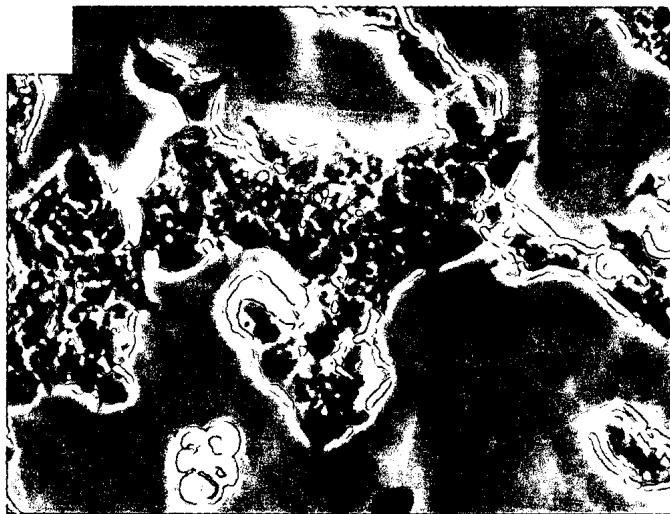


FIG.5A

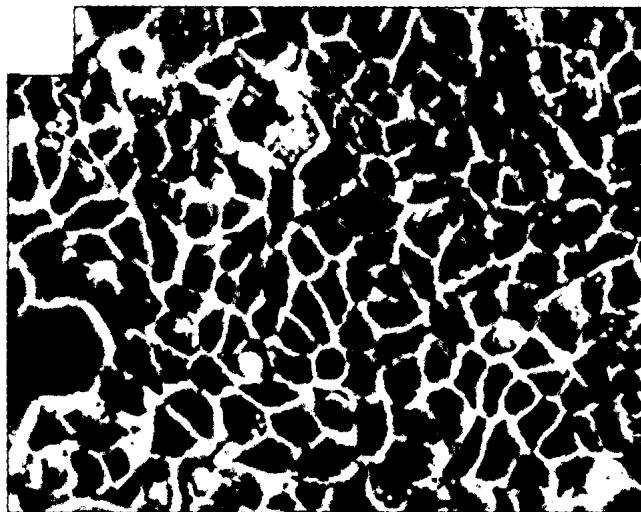


FIG.5B

FIG. 5A

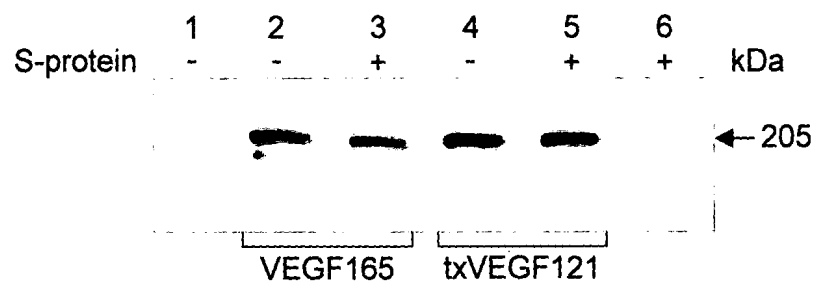


FIG.6

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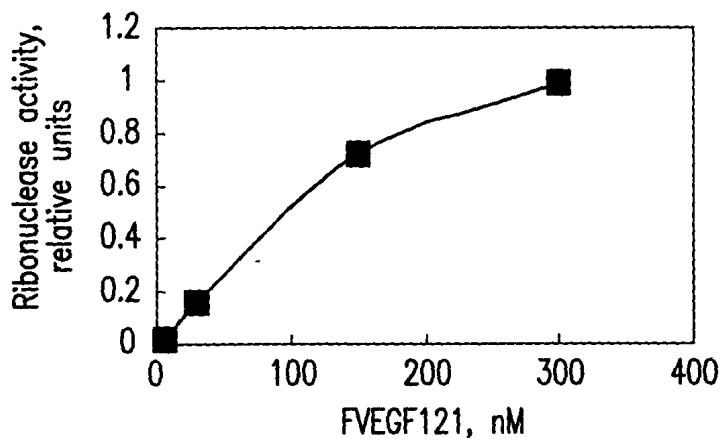


FIG.7A

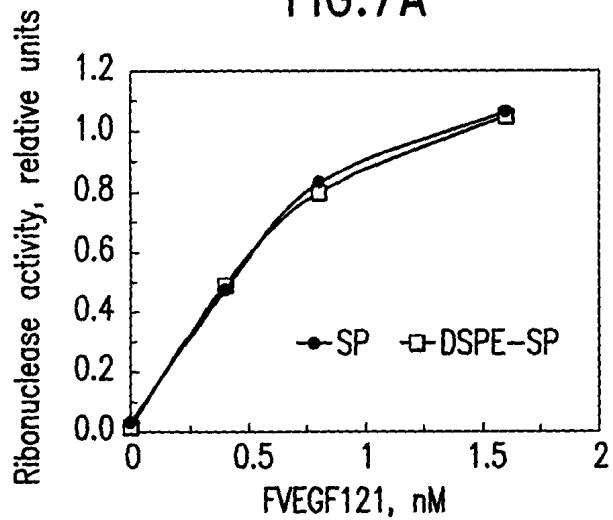


FIG.7B

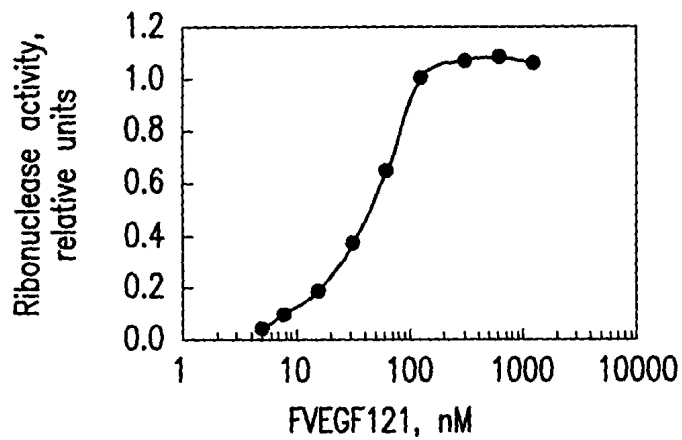


FIG.7C



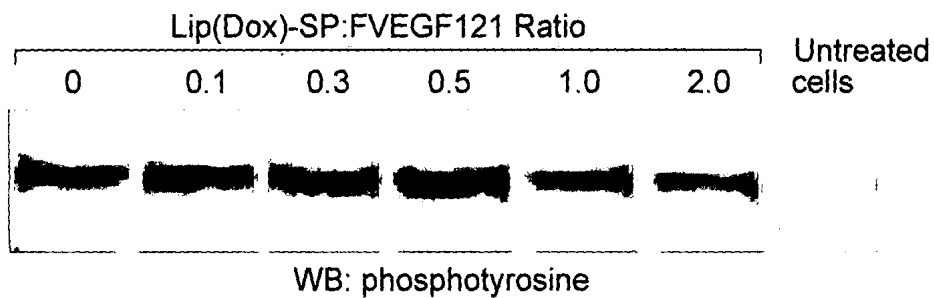


FIG.8A

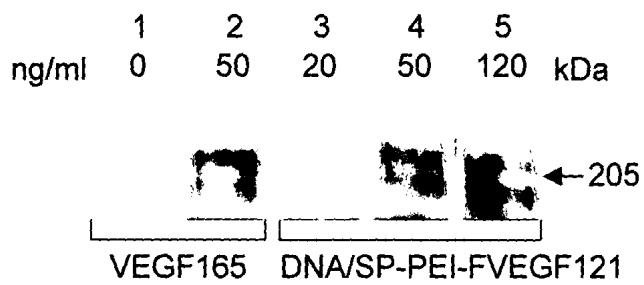


FIG.8B

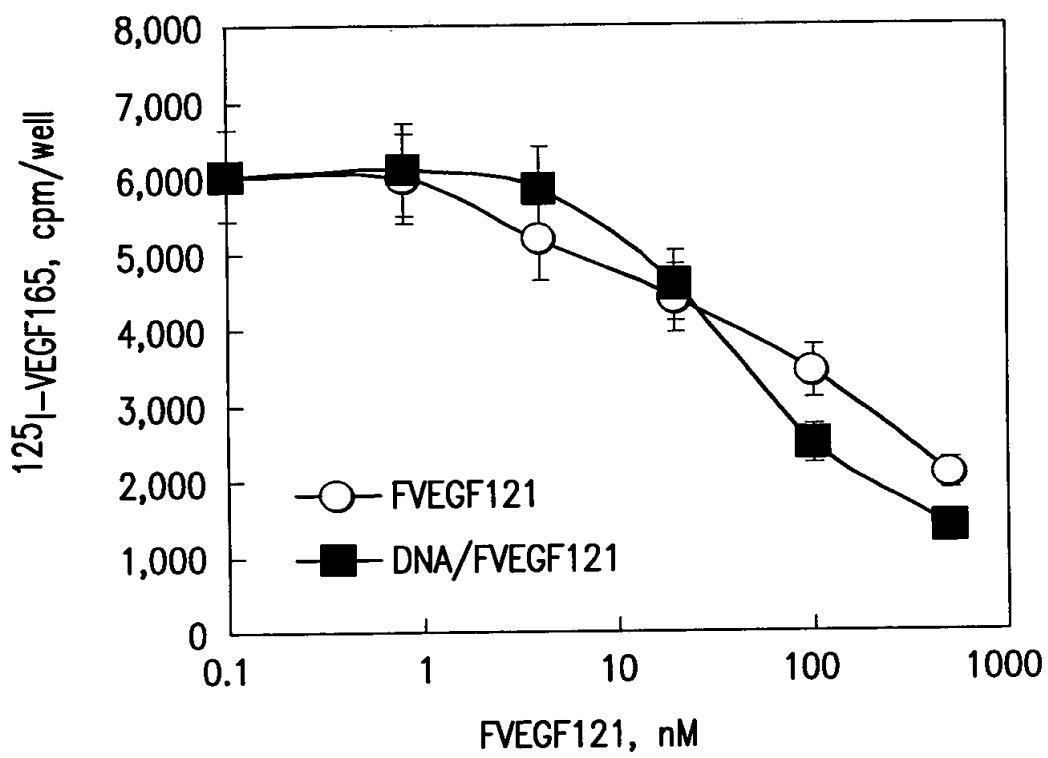


FIG. 8C

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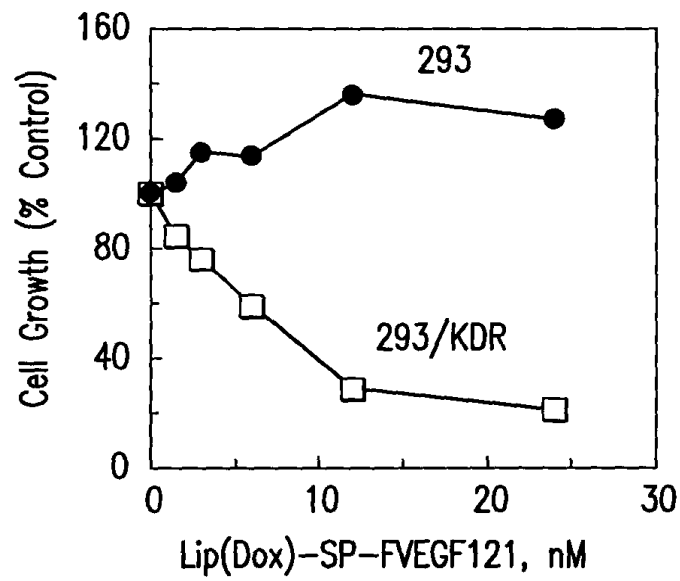


FIG.9A

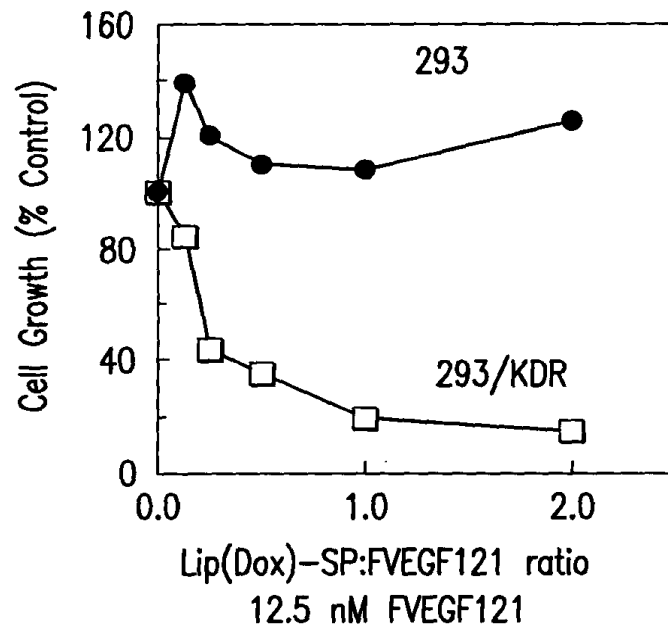


FIG.9B

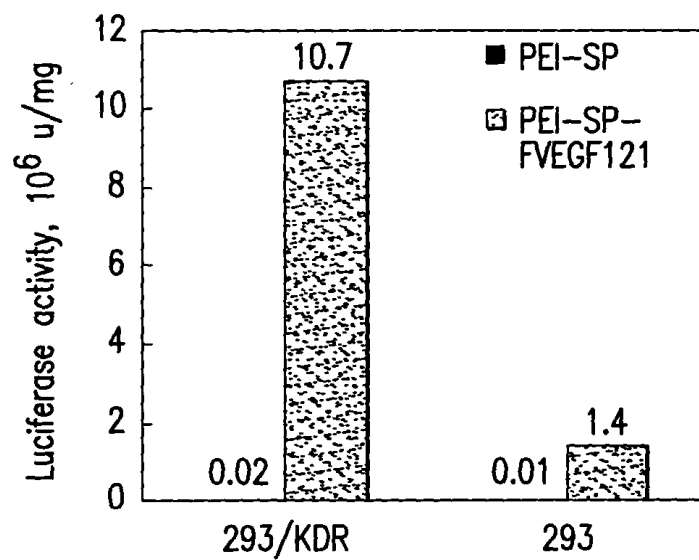


FIG.10A

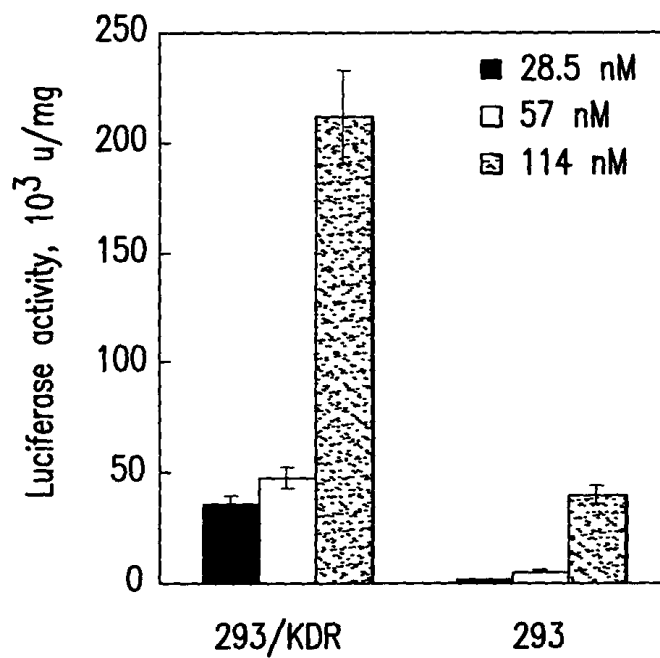


FIG.10B

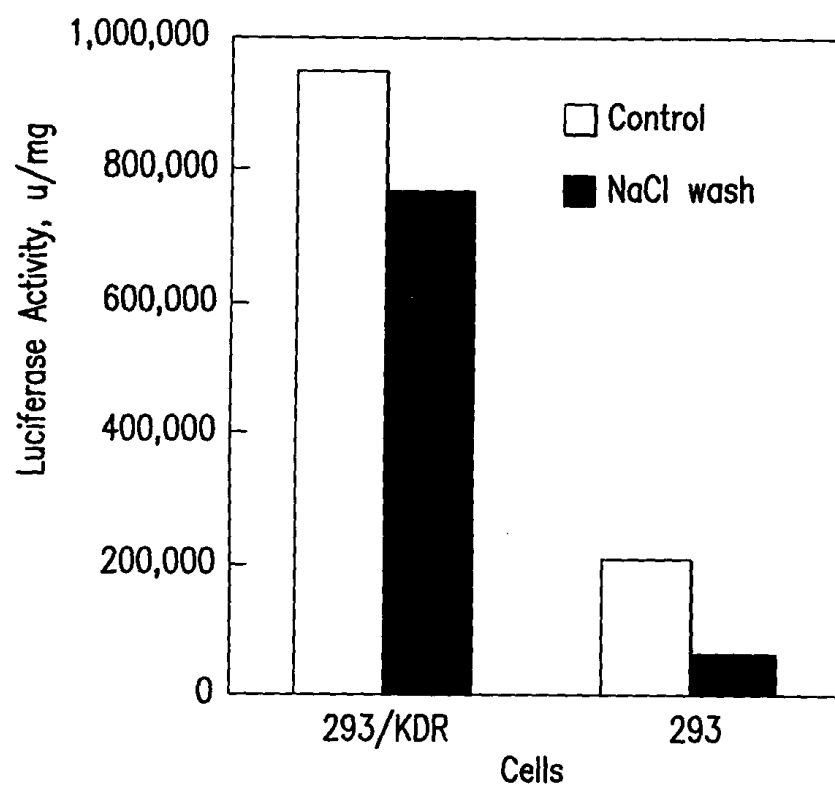


FIG. 11